

C L A I M S :

WE CLAIM:

1. A device (1) for forming a leno selvedge, said
5 device having two lifting healds (10, 20) and one half
heald (30), the lifting healds (10, 20) having a securing
element (13, 23; 14, 24) provided respectively at the upper
and lower end thereof, said lifting healds (10,20) having,
in the region of the lower end, at least one magnet for the
10 foot (31a, 32a) of the half heald (30),

characterized in that each lifting heald (10, 20) has
at least one magnet (18, 28) in the region of its upper
end, the magnets (18, 28) of the two lifting healds (10,
20) of a leno selvedge device being polarized such that the
15 healds attract each other.

2. The device according to claim 1,

characterized in that the lifting healds (10, 20) have
an upper and a lower leg (11, 21; 12, 22), each leg being
provided at its end with the securing element (13, 23; 14,
20 24), at least one magnet (18, 28) being disposed in the
transition zone between the upper leg and the securing
element.

3. The device according to claim 2,

characterized in that the one lifting heald (10) has a
25 limit stop (19) provided in the transition zone between the
upper leg (11) and the securing element (13), the at least
one magnet (18) being disposed within the limit stop (19).

4. The device according to claim 2,

characterized in that the other lifting heald (20) has
30 a right-angled bend (29) provided in the transition zone
between the upper leg (21) and the securing element (23),
the at least one magnet (28) being disposed in the right-
angled bend (29).

5. The device according to claim 2,

35 characterized in that each lifting heald (10, 20)
comprises, in its lower leg (12, 22), a slot (12a, 22a) for
receiving a leg (31, 32) of the half heald (30), said
lifting heald having two magnets (15, 16; 25, 26) disposed
on top of each other on either side of the slot in the
40 transition zone between the lower leg (12, 22) and the

securing element (14, 24), the magnets of each of the lifting healds of a leno selvedge device being polarized such that the magnets (15, 16; 25, 26) of the two lifting healds (10, 20) attract each other.

5 6. The device according to claim 5,
characterized in that the two lower pairs of magnets (15, 16; 25, 26) have a differently oriented polarization so that, in combination with the foot (31a, 32a) of the half heald (30), a closed magnetic circuit is formed.

10 7. The device according to claim 5,
characterized in that below the magnet (15, 16; 25, 26) disposed in the lower leg (12, 22), there is further provided a bed (17, 27) for the foot of the half heald (30), said bed conforming to the shape of the lower end of
15 the foot (31a, 32a) of the half heald (30).

8. The device according to claim 5,
characterized in that the lower magnets (16, 26) are smaller than those disposed on top thereof.